

Amendments to the Abstract:

Please amend the Abstract as follows:

-- ~~Process and production line for continuous manufacturing of ultrathin~~ Ultrathin hot rolled steel strip ~~strips are obtained from thin slab obtained through a process of slabs using a continuous casting comprising process and production line. The process and production line includes a secondary cooling system, a pre-transformation by roughing (5) of the thin slab immediately after the continuous-casting mill, an induction heating (8) zone to fix temperatures of the intermediate strip chosen between 1000 and 1400 °C, a final rolling (18) up to a zone to reduce the thickness of the hot finished strip of 0.4 mm at a minimum through not more than 36 six-passes while keeping a controlled temperature of the hot rolled strip from the last stand of the finishing rolling mill higher than 750 °C. It is also provided a cooling (14), in the time, of the~~ The strip (43) is cooled between the last stand of the finishing rolling mill and the coiling station in view of the using a specific T.T.T diagram (time-temperature-transformation) for steel quality and strip thickness. A control system ~~of the process~~ is also provided with a master system and six further peripheric sub-systems. --